

ABSTRACT OF THE INVENTION

A process for manufacturing glass bodies of doped silicate glass is disclosed. The process involves flame hydrolysis, wherein precursors for the forming of the doped glass are fed together with fuel gases into a single burner. A first formed body is generated on a target. The doped silicate glass produced in this way offers a low density of defects and a small breadth of striae. Preferably the first formed body is subsequently formed into a second formed body having a larger breadth and a smaller length than the first formed body. Thereby, the breadth of striae and the density of defects in the doped silica glass is further reduced.